

PROJECT DESCRIPTION
GENERAL

THIS PROJECT INVOLVES THE CONSTRUCTION OF A TEMPORARY ONE WAY TRAFFIC SIGNAL AT GROSVENOR LANE IN MONTGOMERY COUNTY.

INTERSECTION OPERATION

THE INTERSECTION OPERATES IN A FULLY ACTUATED MODE USING 8 SEQUENTIAL NEMA PHASES. A SECONDARY POLE MOUNTED TERMINAL CABINET SHALL BE INSTALLED AND UTILIZE A SEPERATE 120 VOLT POWER SERVICE. A VIDEO HUB IN THE CABINET WILL SEND VEHICLE CALLS TO THE MASTER CONTROLLER CABINET LOCATED AT THE EAST BRIDE END.

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. JEFFREY WINTER, ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358
MR. KEVIN NOWAK, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (301) 513-7336
MR. AUGUSTINE REBISH, DISTRICT UTILITIES ENGINEER
PHONE: (301) 513-7350
MR. WAYNE A. MOWDY, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 513-7304
MR. KAMAL HAMUD, TRAFFIC ENGINEER MCDPW&T
PHONE : (240) 777-8761
MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING STANDARD PLATES FOR TRAFFIC CONTROL:

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
	NONE		

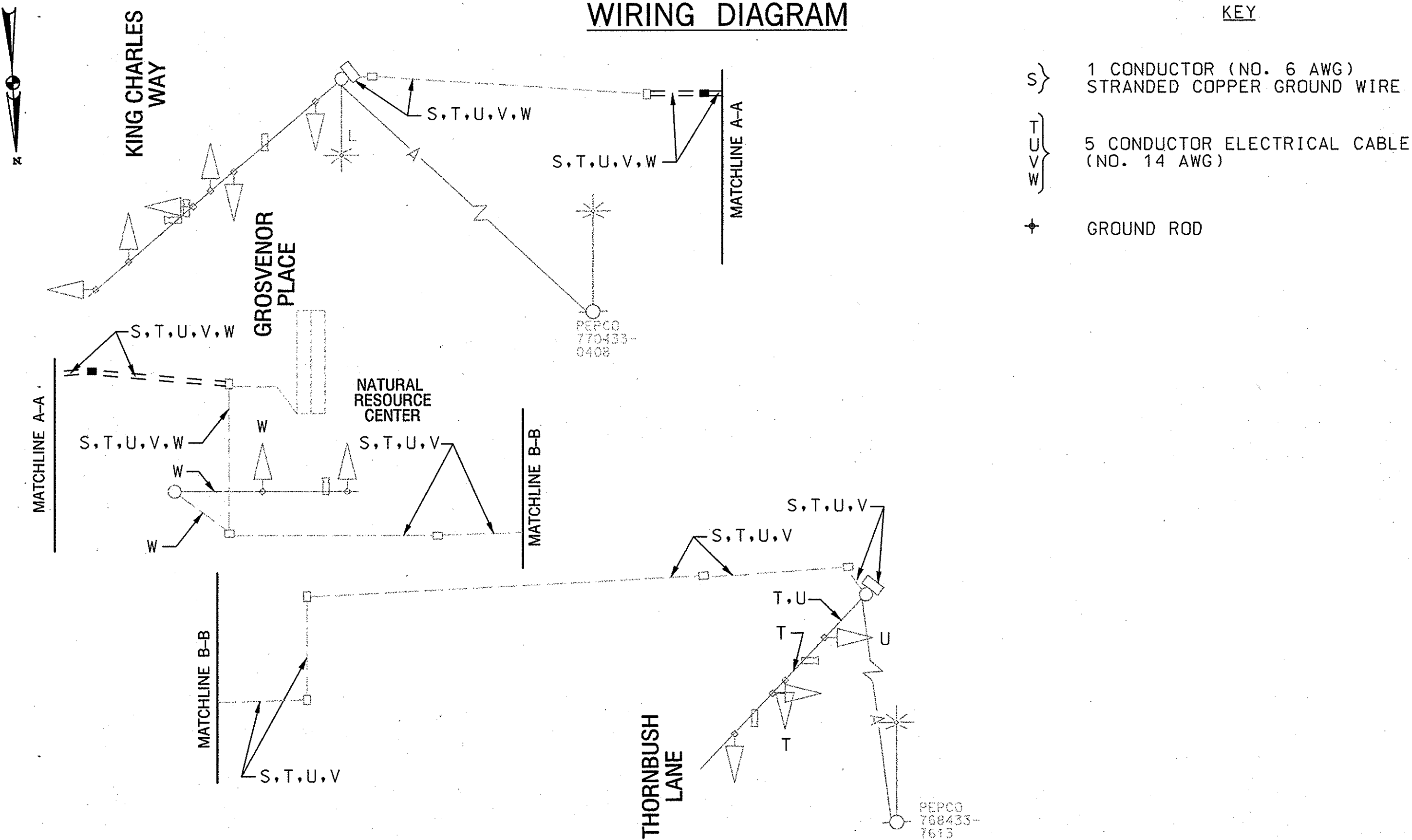
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
800000	REMOVE AND DISPOSE OF TEMPORARY TRAFFIC SIGNAL	LS	1
802501	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE	LF	1750
805135	3 INCH SCHEDULE 80 RIGID PCV CONDUIT - TRENCHED	LF	300
811001	FURNISH AND INSTALL ELECTRICAL HANDHOLE	EA	2
861107	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)	LF	5975

C. SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILLIARY EQUIPMENT FROM THE CONTROLLER CABINET. THE CABINET AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
	CONTROLLER	EA	1
	MINI HUB II	EA	1

WIRING DIAGRAM



PHASE CHART

1	2	3	4	5	6	7	8	9	10	11	12
R	R	R	R	R	R	R	R	R	R	R	R
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
G	G	G	G	G	G	G	G	G	G	G	G

PHASE 1	G	G	R	R	R	R	R	R	R	R	R	R
1 CHANGE	Y	Y	R	R	R	R	R	R	R	R	R	R
PHASE 2	R	R	R	R	R	R	R	G	G	R	R	R
2 CHANGE	R	R	R	R	R	R	R	Y	Y	R	R	R
PHASE 3	R	R	R	R	R	R	R	R	R	R	R	R
PHASE 4	R	R	R	R	R	R	G	G	R	R	R	R
4 CHANGE	R	R	R	R	R	R	Y	Y	R	R	R	R
PHASE 5	R	R	R	R	R	R	R	R	R	R	R	R
6 CHANGE	R	R	G	G	R	R	R	R	R	R	R	R
PHASE 6	R	R	Y	Y	R	R	R	R	R	R	R	R
PHASE 7	R	R	R	R	G	G	R	R	R	G	G	R
7 CHANGE	R	R	R	R	Y	Y	R	R	R	Y	Y	R
PHASE 8	R	R	R	R	R	R	R	R	R	R	R	R
FLASHING OPERATION	STEADY RED	STEADY RED	STEADY RED	STEADY RED	STEADY RED	STEADY RED	STEADY RED	STEADY RED	STEADY RED	STEADY RED	STEADY RED	STEADY RED

1 ADDENDUM No. 1 03/ /2006

SABRA, WANG & ASSOCIATES, INC.
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BALTIMORE, MD 21227
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STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

**TEMPORARY SIGNALS FOR BRIDGE NO.15077
ON GROSVENOR LANE OVER I-270**

BETHESDA, MARYLAND

MOT (PHASE 2) GENERAL INFORMATION PLAN

SCALE N.T.S. DATE 02/06 CONTRACT NO. MO3775180

DESIGNED BY S.SMITH COUNTY MONTGOMERY
DRAWN BY S.SMITH LOGMILE 15035504.38
CHECKED BY S.RENZI T.I.M.S. NO. NA
F.A.P. NO. NA TOD NO. NA

DRAWING NO. **PSG - N101F** SHEET NO. OF